



Guru Vishwambharkrupa Bahuddeshiya Shikshan Prasarak Mandal Lakkadjawalga's

# Shivneri Mahavidyalaya

(Arts, Commerce & Science)

Shirur Anantpal Dist. Latur



**Yearly Teaching Plan Book**

**Year 2019 - 2020**

Name of the teacher : Dr. Raibhava W.K.

Subject & Paper No. : Botany.

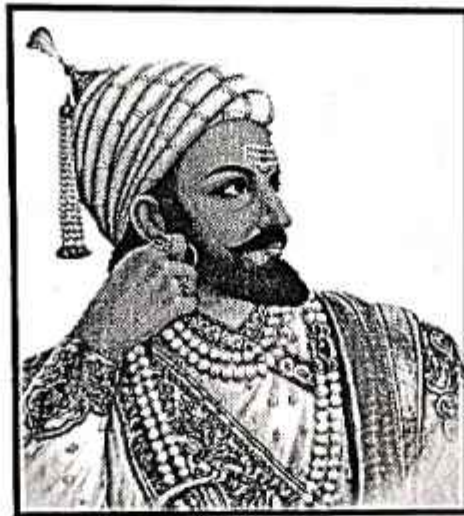


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**Yearly Teaching Plan Book**

**Year 2019 - 2020**

Name of the teacher : Dr. Raibhole U.K.

Subject & Paper No. : Botany.



## ॥ आमचे प्रेरणास्थान ॥



मा. अँड. विश्वंभररावजी माने

(अध्यक्ष, गुरु विश्वंभर कृपा बहुउद्देशीय शिक्षण प्रसारक मंडळ,

लक्कड जवळगा तथा

संचालक - लातूर जिल्हा मध्यवर्ती सहकारी बँक लि., लातूर)





# Shivneri Mahavidyalaya

(Arts, Commerce & Science)

Shirur Anantpal Dist. Latur



Name : DR. Raibhore U.K.

Designation : Assit. Prof.

Qualification :

Degree	Subject	Board / University	Class/Grade
S.S.C.	General	pure	1st
H.S.C.	Phy. Chem. Bio.	pure	II
U.G.	CBZ	Dr. B.A.M.U.	1st
P.G.	Botany	Dr. B.A.M.U.	II <sup>nd</sup>
M.Phil/Ph.D	Botany	Dr. B.A.M.U.	-
Net / SET	-	-	-

Date of Birth : 17/07/1974

Date of Appointment : 30/12/2014 Date of Superannuation : -

Local Address : Shivneri College Shirur Anantpal

Ta. Shirur A. Dist. Latur.

Phone / Mobile Numbers : 9049849903

Email : drudhavarraibhore@gmail.com

Blood Group : -

PAN Card Number : - GPF A/c. Number : -

PPF / A/c. Number : -

Bank Account Number : -

## Details of Leave Casual Leave

Sr.	Date	Principal's Signature	Sr.	Date	Principal's Signature
1	13/07/19		7		
2	<del>21/08/19</del>		8		
3	14/12/19		9		
4	16/12/19		10		
5	17/12/19		11		
6			12		

## Duty Leave

Sr. No.	Date	Nature of Work	Principal's Signature	Sr. No.	Date	Nature of Work	Principal's Signature
1	19/07/19	-		7	01/02/20	N. CONF -	
2	24/08/19	-		8			
3	9/12/19	- Access		9			
4	10/12/19	- Access		10			
5	11/12/19	-		11			
6	24/8/19	cas		12			

Sr. No.	Date	Reason	Principal's Signature	Sr. No.	Date	Reason	Principal's Signature
1				4			
2				5			
3				6			

## Yearly Teaching Plan

Class - B.Sc. I Subject - Botany Paper (No & Title) : I. Diversity of microbes. Signature: [Signature]

Sr. No.	Month	Details of Topics / Units	Plan Expected Duration	Implamentation	Remark
1	June	Admission.			
2	July	Unit. I. Microbes. Viruses: Introd. General character of viruses, Replication, and RNA Virus (TMV), Economic Imp. & study of yellow vein M.B. Bacteria: Introd. General Structure & cell structure			



## Yearly Teaching Plan

Class - B.Sc. I Subject - Botany Paper (No & Title) : I Signature : [Signature]

Sr. No.	Month	Details of Topics / Units	Plan Expected Duration Expected Periods	Implamentation Actual Periods	Remark
3	Aug	Reproduction: vegetative & sexual (Binary fission) & recombination (conjugation) structure of citrus canker & economic Imp. of Bacteria Unit. II. Algae. Intro <sup>n</sup> . General characters Range of thaluss organization & reproduction. classification. Morphology & life cycle of Nostoc, oocystidium, ectocarpus			
4	Sep	Economic Imp. of algae. Unit. III. Fungi. Intro <sup>n</sup> . General characters, significance, cell wall compo. nutrition, reprod. & classification. General characters ecology, significance & life cycle of Penicillium, Alternaria, Agaricus.			

## Yearly Teaching Plan

Class - B.Sc. I Subject - Botany Paper (No & Title) : I Signature : [Signature]

Sr. No.	Month	Details of Topics / Units	Plan Expected Duration Expected Periods	Implamentation Actual Periods	Remark
5	Oct.	Unit. IV. Lichens & Micorrhiza. Lichens: General characters, Types & economic Impo. PHLORRHIZA: General characters. Ectomycorrhiza & endomycorrhizae & their significance			
6	Nov.				



## Yearly Teaching Plan

Class - B.Sc. II Subject - Botany Paper (No & Title) : VI Signature : [Signature]

Sr. No.	Month	Details of Topics / Units	Plan Expected Duration	Implmentation	Remark
1	June	Admission.			
2	July	Unit - I. Morphology of Angiosperms. Root, study of stem, leaf, Venation, Phyllotaxy, Inflorescence, flower, Gynoecium, Fruits & types of fruits.			

## Yearly Teaching Plan

Class - B.Sc. II Subject - Botany Paper (No & Title) : VI Signature : [Signature]

Sr. No.	Month	Details of Topics / Units	Plan Expected Duration	Implamentation	Remark
			Expected Periods	Actual Periods	
3	Aug	Unit - II: Taxonomy of Angiosperm. Intro <sup>d</sup> . scope & objectives of Angiosperm, Binomial nomenclature, Taxonomic ranks, Types & classification. Salient features of Bentham & Hooker & Engler pruned system of classification with merits and demerits.			
4	Sep	Unit - III: Study of Families. Annonaceae, Brassicaceae, Malvaceae, Meliaceae, Caesalpiniaceae, Fabaceae, Apiaceae.			

## Yearly Teaching Plan

Class - B.Sc. II Subject - Botany Paper (No & Title) : VI Signature : [Signature]

Sr. No.	Month	Details of Topics / Units	Plan Expected Duration	Implamentation	Remark
			Expected Periods	Actual Periods	
5	Oct.	Unit - IV: Study of Families Asteraceae. Solanaceae. Euphorbiaceae. Lamiaceae. Liliaceae. Poaceae.			
6	Nov.				



## Yearly Teaching Plan

Class - B.Sc. III Subject - Botany Paper (No & Title) : XII Plant Physiology Signature: D-1-11

Sr. No.	Month	Details of Topics / Units	Plan Expected Duration	Implamentation	Remark
1	June	Admission.			
2	July	Unit. I. plant water relations. Imp of water in plant life. Different bio-physico-chemical Phenomenon, Ascent of sap, Transpiration, Translocation of organic plant movements.			

## Yearly Teaching Plan

Class - B.Sc. III Subject - Botany Paper (No & Title) : XII Plant Physiology Signature: [Signature]

Sr. No.	Month	Details of Topics / Units	Plan Expected Duration	Implmentation	Remark
			Expected Periods	Actual Periods	
3	Aug	Unit - II. Mineral Nutrition. Major & minor elements Mineral salt absorption translocation of organic solutes.			
4	Sep	Unit: III. Growth & Development. Growth & plant growth regulators. seed dormancy, seed germination physiology of flowering vernalization & vernalization Seed. Metabolites.			

## Yearly Teaching Plan

Class - B.Sc. III Subject - Botany Paper (No & Title) : XII Signature: [Signature]

Sr. No.	Month	Details of Topics / Units	Plan Expected Duration	Implmentation	Remark
			Expected Periods	Actual Periods	
5	Oct.	Unit. IV. Biomolecules & seed. Metabolites. Carbohydrates. Protein. Lipids.			
6	Nov.				



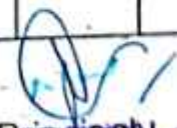
# Daily Lesson Plan

Day: Monday, Date: 01/07/2019

Theory/Practical Subject/Paper Class	Details of Topic / Unit	Students		
		Present	Absent	Total
B.Sc. III <u>XII</u>	<u>Plant water relations.</u> Importance of water in plant life.			
B.Sc. II <u>VI</u>	Morphology of Angiosperms. Root and types of root.			
B.Sc. I <u>V part.</u>	Gram staining of bacteria. Jadhav Vaishnavi.T. <u>Jadhav</u> Kale Rukmin.M. <u>Rukale</u>			

  
Academic Incharge

Vice Principal

  
Principal  
Shrihari Mahavidyalaya  
(Arts, Commerce & Science)  
Shriy Anantpal - 413544

# Daily Lesson Plan

Day: Tues .

Date: 02/07/19

Theory/Practical Subject/Paper Class	Details of Topic / Unit	Students		
		Present	Absent	Total
<p>B.Sc. III <u>XII</u></p>	<p>permeability &amp; diffusion.</p> <p>① Patil P.A. <u>Patil</u> ② Chavan D.A. <u>Chavan</u></p>			
<p>B.Sc. II <u>VI</u></p>	<p>stem of types of stem.</p> <p>1) Ghume K.L. <u>Ghume</u> 2) Bonwale P.M. <u>Pratikshya</u></p>			

  
 Academic Incharge

  
 Vice Principal

  
 Shiksha Pradhikaran




# Daily Lesson Plan

Day: Wed, Date: 03/07/2019

Theory/Practical Subject/Paper Class	Details of Topic / Unit	Students		
		Present	Absent	Total
<p>B.Sc. III <u>XII.</u></p>	<p>osmosis &amp; plasmolysis</p> <p>① Patil P. A. <u>Patil</u> ② Chavan D.A. <u>Chavan</u></p>			2-3
<p>B.Sc. II <u>VI</u></p>	<p>Leaf: Structure of Leaf &amp; Types of Leaf.</p>			
<p>Sec. T.J. <u>III A.</u></p>	<p>Fundamentals of Floriculture</p>			
<p>B.Sc. III <u>XVI</u> pag.</p>	<p>Potential of potato Tuber.</p> <p>① Patil P. A. <u>Patil</u> ② Chavan D.A. <u>Chavan</u></p>			

  
Academic Incharge

Vice Principal

  
Principal  
Shri...  
(Arts, Commerce & Education)  
Shriy Anantpal - 413544  
Dist. Latur (M.S.)

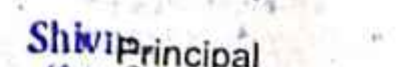
# Daily Lesson Plan

Day: Thurs. Date: 04/07/2019

Theory/Practical Subject/Paper Class	Details of Topic / Unit	Students		
		Present	Absent	Total
B.Sc. I I	<p>Microbes: Viruses. Introduction &amp; general characters of viruses.</p> <p>Jadhav Vaishnavi Tanaji <del>Jadhav</del> Kale Rukmin.m <u>Rukale</u></p>			

  
Academic Incharge


  
Vice Principal

  
Shiv Principal  
(A.S. Coll. Shivajinagar,  
Dist. Latur (M.S.))

# Daily Lesson Plan

Day: Friday, Date: 05/07/2019

Theory/Practical Subject/Paper Class	Details of Topic / Unit	Students		
		Present	Absent	Total
B.Sc. I I.	Replication (general account). RNAs  TSTV virus. Jadhav Vaishnavi.T. <del>Hadhat</del> Kale Rukmin.M. <u>Rakule</u>		I  I	22.03
B.Sc. II  X pag.	Study of root and stem  1) Ghume K.L. <del>Chalpa</del> 2) Bonwale P.M. <u>Pratiksha</u>			

  
 Academic Incharge

Vice Principal

  
**Shiksha Prinsipal**  
 (Arts, Com.)  
 Shirur Anand,  
 Dist. Latur (M.S.)